AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

- 1. (currently amended): A reflection type mask blank for EUV exposure, comprising: a substrate;
- a multilayer film which is formed on the substrate so as to reflect an EUV a light ray; and
- a light absorber layer which is formed on the multilayer film so as to absorb the EUV light ray[;], and

a stress correction film which corrects warping of a surface of the multilayer film and which is placed between the substrate and the multilayer film or on a back surface of the substrate, the warping being formed by warping of the substrate and stress of the multilayer film;

wherein the stress correction film is made of material containing Ta as a major component and at least B,

wherein the multilayer film has flatness with respect to a surface thereof, and the flatness is 100 nm or less.

- 2. (currently amended): A reflection type mask blank for EUV exposure, comprising: a substrate;
- a multilayer film which is formed on the substrate so as to reflect an EUV a light ray; and
- a light absorber layer which is formed on the multilayer film so as to absorb the EUV light ray; and
- a stress correction film which corrects warping of a surface of the multilayer film and which is placed between the substrate and the multilayer film or on a back surface of the substrate, the warping being formed by warping of the substrate and stress of the multilayer film;

wherein the stress correction film is made of material containing Cr and N, N having a ratio between 5 and 35 at%,

the multilayer film has flatness with respect to a surface thereof, and the flatness is 100 nm or less.

wherein the warping is formed by warping of the substrate and stress of the multilayer film.

3. (currently amended): A mask blank as claimed in claim 1 or 2, wherein:

the light ray is an EUV light ray, and

the reflection type mask bland for exposure is a reflection type mask blank for EUV exposure

the stress correction film has tensile stress, and is placed between the substrate and the multilayer film.

4. (currently amended): A mask blank as claimed in claim 2 A reflection type mask for exposure, wherein:

the stress correction film has compressive stress, and is placed on a back surface of the substrate a pattern of the light absorber layer is formed by patterning the light absorber layer using the reflection type mask blank for exposure claimed in claim 1 or 2.

5. (currently amended): A method for manufacturing a semiconductor device, wherein:

a pattern is formed on the substrate by using the reflection type mask for exposure claimed in claim 4. mask blank as claimed in any one of claims 2 through 4, wherein:

the stress correction film is made of material containing Ta

6. (currently amended): A substrate, comprising:

a multilayer film for reflecting a light ray onto the substrate; and

a stress correction film which corrects warping of a surface of the multilayer film and which is placed between the substrate and the multilayer film or on a back surface of the substrate, the warping being formed by warping of the substrate and stress of the multilayer film;

wherein the stress correction film is made of material containing Ta as a major component and at least B,

the multilayer film has flatness with respect to a surface thereof, and the flatness is 100 nm or less.

mask blank as claimed in claim 5, wherein:

the stress correction film is made of material containing Ta as a major component and at least B.

7. (currently amended): A substrate, comprising:

a multilayer film for reflecting a light ray onto the substrate; and

a stress correction film which corrects warping of a surface of the multilayer film and which is placed between the substrate and the multilayer film or on a back surface of the substrate, the warping being formed by warping of the substrate and stress of the multilayer film;

wherein the stress correction film is made of material containing Cr and N, N having a ratio between 5 and 35 at%,

the multilayer film has flatness with respect to a surface thereof, and

the flatness is 100 nm or less reflection type mask for EUV exposure produced by using the reflection type mask for EUV exposure blank claimed in claim 1 or 2.

- 8. (currently amended): A method for manufacturing a reflection type mask for EUV exposure produced by using the reflection type mask for EUV exposure blank claimed in claim 1 or 2.
 - 9. (currently amended): A method for manufacturing a semiconductor device, wherein:
- a pattern is transferred on the substrate by using the reflection type mask for EUV exposure claimed in claim 7.
- 10. (currently amended): A substrate with a multilayer film for reflecting an EUV a light ray onto a substrate, wherein:

the multilayer film has flatness with respect to a surface thereof, and the flatness is 100 nm or less.

11. (currently amended): A substrate with a multilayer film for reflecting an EUV a light ray onto a substrate, comprising:

a stress correction film which corrects warping of a surface of the multilayer film, the warping being formed by warping of the substrate and stress of the multilayer film.

- 12. (currently amended): An EUV \underline{A} reflection mirror produced by using the substrate with the multilayer film as claimed in claim 10 or 11.
 - 13. (original): A reflection type mask blank for exposure, comprising: a substrate;
 - a multilayer film which is formed on the substrate so as to reflect a light ray; and a light absorber layer which is formed on the multilayer film so as to absorb the light ray;

wherein the multilayer film has flatness with respect to a surface thereof, and the flatness is 100 nm or less.

- 14. (original): A reflection type mask blank for exposure, comprising: a substrate;
- a multilayer film which is formed on the substrate so as to reflect a light ray;
- a light absorber layer which is formed on the multilayer film so as to absorb the light ray; and
- a stress correction film which corrects warping generated on a surface of the multilayer film when the stress correction film is not formed.
- 15. (original): A reflection type mask for exposure produced by using the reflection type mask blank for exposure claimed in claim 13 or 14.